



Foam plugging performance and flow characteristics in fracture system

Zhengxiao Xu; Zhaomin Li; Binfei Li; Qifeng Zhang; Lei Zheng; Yongjin Song; Tong Yu

Highlights

- The utilization and storage of CO_2 in fractured reservoirs are possible with the use of CO_2 foam.
- Fractured cores and visual slab fracture models are used to evaluate foam flow and oil recovery.
- The plugging and profile control of the foam systems in fractured cores are analyzed.
- The influence of surface roughness and fracture opening on foam flow is characterized.

